

Appl. No. 09/693,019

APP 1204

Amdt. Dated June 27, 2005

Reply to Office action of March 21, 2005

Listing of Claims

Claims 1 and 2 (canceled)

Claim 3 (currently amended) For use in a SIP-compliant network having a plurality of nodes and mobile stations, a SIP-EYE Agent for monitoring and tracking all TCP connections of the mobile stations and recording their identifies in a computer readable medium creating and within a mobile station, said SIP-EYE Agent being a computer readable medium with instructions to monitor monitoring session set up and disconnect messages of said TCP connections and to create and keep creating and keeping a data structure for each of said TCP connections ~~within the computer readable medium of each~~ for a the mobile station, each data structure ~~having associated therewith~~ containing:

- (a) an original IP address of said mobile station,
- (b) a previous IP address of said mobile station,
- (c) a current IP address of said mobile station, and
- (c) an original IP address of a corresponding host node;

wherein said original IP address of said mobile station is the IP address of said mobile station at the beginning of the TCP connection, said previous IP address of said mobile station is the last address just before the current IP address of said mobile station, and said original IP address of said corresponding host node is the IP address of said corresponding host node at the beginning of the TCP connection.

Claims 4-13 (canceled)